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AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A measuring device comprising means for measuring models for

fabrication of dental fittings involving the production of a three-dimensional data set as

template for three-dimensional machining of a workpiece, characterized in that wherein

said measuring means are also adapted for the recognition of an identifier providing

information on said workpiece.

2. (Previously Presented) A measuring device as defined in claim 1, wherein said means

for the recognition of an identifier comprise a sensor adapted to recognize an identifier

in the form of differences in brightness located on said workpiece.

3. (Previously Presented) A measuring device as defined in claim 1, wherein said means

for the recognition of an identifier comprise a sensor adapted to recognize an identifier

in the form of differences in height located on said workpiece.

4. (Previously Presented) A measuring device as defined in claim 1, wherein said means

for the recognition of an identifier comprise a sensor adapted for distance measurement.

5. (Previously Presented) A measuring device as defined in claim 4, wherein the output

of said sensor is governed by the intensity and that the variable controlling said output

is dependent on the identifier.

6. (Currently Amended) A measuring device as defined in claim 1, wherein said software

for the fabrication of the fitting is present and that said software is designed such that

the information gained from the identifier will be taken into consideration for

computation of the fitting to be fabricated-and/or for the control of the machining

device and/or will be used for documentation purposes.

7. (Previously Presented) A measuring device as defined in claim 1, wherein the identifier

can be recognized by the measuring device as a bar code.

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8. (Previously Presented) A measuring device as defined in claim 1, wherein said

measuring device forms a component of a machining device for the fabrication of

dental fittings from a workpiece, which machining device has a workholding device for

said workpiece, which workholding device is also adapted to accommodate a model to

be mapped or possesses another workholding device for this purpose, wherein an

identifier containing information on said workpiece is provided on said workpiece or

said workpiece holder and recognition of said identifier workpiece held in said

workholding device is effected by means of said measuring device.

9. (Previously Presented) A measuring device as defined in claim 8, wherein said

measuring device is removably mounted in the machining device for the purpose of

measuring a model and for recognizing said identifier.

10. (Currently Amended) A machining device for the fabrication of dental fittings from a

workpiece, comprising a workholding device for said workpiece, wherein an identifier

with information on said workpiece is provided on said workpiece or a workpiece

holder eharacterized in that wherein means for recognizing said identifier on said

workpiece held in said workholding device are provided and a single measuring device

as defined in claim 1 is provided for the purpose of measuring the model and

recognizing said identifier.

11. (Previously Presented) A machining device as defined in claim 10, wherein said

workholding device is also adapted to accommodate a model to be measured.

12. (Previously Presented) A machining device as defined in claim 11, wherein a holder is

provided for releasable accommodation of said measuring device.

13. (Currently Amended) A machining device as defined in claim 10, wherein said

software for the fabrication of the fitting is present and that said software is designed

such that the information gained from said identifier will be taken into consideration for

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computation of the fitting to be fabricated-and/or for-control of-said-machining device

and/or will be used for documentation purposes.

14. (New) A measuring device as defined in claim 1, wherein software for the fabrication

of the fitting is present and that said software is designed such that the information

gained from the identifier will be taken into consideration for control of the machining

device.

15. (New) A measuring device as defined in claim 1, wherein software for the fabrication

of the fitting is present and that said software is designed such that the information

gained from the identifier will be taken into consideration for use for documentation

purposes.

16. (New) A machining device as defined in claim 10, wherein software for the fabrication

of the fitting is present and that said software is designed such that the information

gained from said identifier will be taken into consideration for control of said

machining device.

17. (New) A machining device as defined in claim 10, wherein software for the fabrication

of the fitting is present and that said software is designed such that the information

gained from said identifier will be taken into consideration for use for documentation

purposes.